G. R. S. 58]

Previous references.

Pris 66-08 (1-8) B
— 10-11 (1-2) B
— do (3-4) B

Later references.

Pris. 5-3-14 (1-17)

1913. 14 (Prisons)

File No. 17—

Serial Nos. 1—

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1 – 20

Part B for May 15

SUBJECT.

Progress in the work of Construction the building for Khaki wearing industry

---

The I.G. of Prisons's 3862 of 7-5- states that the commencing the work may be raised when chrome alum becomes available at a reasonable price. At present the Construction and equipment of the Dye house may be proceeded.

Chamf

28/5/15

GPB—3,500—21-7-14

G.R.S. 11] 1913.

GENERAL AND REVENUE SECRETARIAT.

(Prisons)

NOTES.

File No. 17-

Progress in the work of construction of the building for Khaki Weaving Industry.

From

No.	Dated	Received

Diary No.	Enclos.	Spare Copies.	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

NOTES—First Sheet.

Submitted to the Dy. Secy.

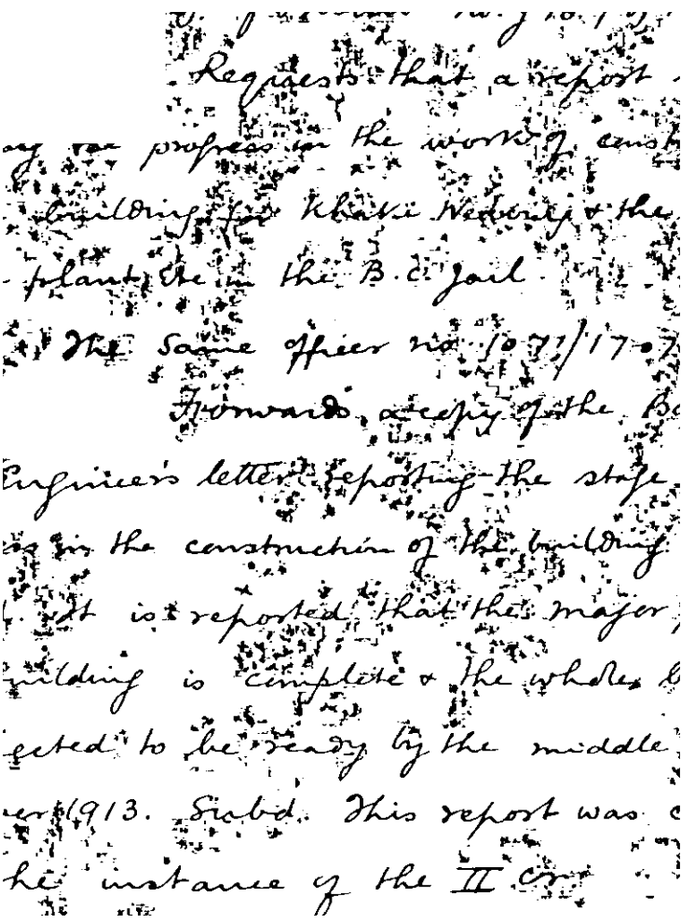
While passing orders on the file re. Jail Administration Rept. for the Calendar year 1912, the 2nd Councillor was pleased to -- direct that the I.G. of Prisons may be requested to keep Government informed of the progress in the work of construction of the building for Khaki weaving and the erection of the plant, etc.

Sec (54)
9/7.

Draft Subd.
K.N. (123) SN
14.7.13

Dy Secy
14/7

Draft Subd
9/7



Requests that a report
of the progress in the work of constr
building for Khasi Nedoing & the
plant etc in the B. C. Jail
The same officer no. 10 71/17 d
forwards a copy of the Ex
Engineer's letter reporting the stage
ng in the construction of the building
It is reported that the major
uilding is complete & the whole b
ected to be ready by the middle
er 1913. Ibid. This report was c
he instance of the II Cr

General and Revenue Secretariat. | Cons File No. 17 of 1913

Serial No.

approval or for other orders.

K.V.(110) 22.9.13 HH

3. From the D.G. of ~~Regaba~~ Prisons in despatch no J 1102 dt 25th Sept 1913

Requesting to be informed if the tools & plant have been received & if not—when they are expected.

4. From the D.G. of Prisons no 13955/17-07 dt 29th Oct 1913.

States that the matter is under correspondence between him and Mr Alfred Chatterton, and Mr Marsden, Industrial Expert to the Govt. of Madras.

10) Subd. No further action seems to be req for [illegible] at present. The file could be kept in "Cupboard"

AS 7/11/13 HH

11) YG S 10/11 10/11

5 From the D. G. of Prisons no. 637-17 dt 8/16-8-16

Requests sanction to incur an expenditure of Rs 3000 for the purchase of looms and to debit the same to the lumpsum provision of Rs 17062 made for Khaddar weaving industry in the current year's budget.

Bus 10/11

NOTE—Contn. sheet.

GPB—65,000—17-5-12.

General and Revenue Secretariat. | Pro File No. 17 of 1913-14

Serial No.	
	11) The sanction already conveyed in G.P. No. T3221-3-Pro 10-11-4 Dt 4-5-12 seems to require Renewal under article 293 of the Civil Account Code.
	12) Subd. for order with a draft. B.G. (49) 25-5-14
	2nd member) SPN 26/5
	13) Draft approved by the 2nd member 29/5/14
	14) Issue JPN 30/5
6	To The D.G. of Prisons & the Comptroller No. T3679-80 Dt 13-6-14 Renews the sanction already granted the charge being met from the source indicated.
7	From The D.G. of Prisons. No. 738-17-07 Dt 13-6-14 Requests sanction to the purchase of by Dr. Marsden of chemicals at a cost of Rs 100 for doing experiments to determine the various dyes required for Khaddi weaving in the B.C. Jail and states that the charge will be met from the lumpsum provision of Rs 17062 made for Khaddi

NOTE—Contn. sheet.

GPB—60,000—25-9-13.

3,748 4.37

G. R. S. 12]

General and Revenue Secretariat. | Pris File No. 17 of 1913-14

Serial No.	
	wearing industry in the current year brought.
	B.G. (69) 15-6-16 15) Subd for orders with a draft.
	2nd member) 16/6
13 16	16) Draft approved by 2nd member 17/6/14
	17) Issue 17/6
9	To the D.G. of Prisons & Comptroller. Nos. J 3766-7 d. 23.6.14. Sanctions the purchase refd to above.
	18) A draft calling for information to put up for approval or other orders.
AS 54 22/11/14	19) Needless until part of the branch with regard to this file seems necessary. 20) Issue 28 9/11
9	To the D.G. of Prisons. No J 1293 d) 10-11-14 calling for a report of the progress made in creating the looms to substitute the Khaddi-weaving industry for which the industry is expected to be started.

NOTE—Contn. sheet.

GPB—60,000—25-9-13.

R. S. 12]

4037 1543

(7)

General and Revenue Secretariat. | Prisons File No. 17 of 1913-14

Serial No.	
10	From: The Inspector General of Prisons in Mysore No 426/17-07 dy 12th November 1914 Reports the substance of the correspondence between him and Dr. Marsden of Madura States that no efforts have been omitted in connection with Khaki dyeing ordering though etc^a. Sanctioned looms are ready for work.
11)	Subd. The D.G. says that Doctor Marsden has promised to attend to experiments & furnish the results thereof. As soon as Directions to Madura, that the 30 looms sanctioned by Govt are ready for work, that establishment is maintained for the purpose - Yes 14-11-14 22) May the D.G. of Prisons be requested to ascertain when Dr Marsden will be able to furnish the results of his experiments and when the work is likely to be started?
23)	The Rs. 5 drawn for the import of an expert from Bombay to train some men in the jail does not seem to have been given effect to. If approved, the D.G. of Prisons will be

NOTE—Contn. sheet.

GPB—60,000—7-11-13

General and Revenue Secretariat. | Pers File No. 17 of 1913

Serial No.

requested to see that early steps are taken to bring his scheme into a working condition.

Sd.
9/1/15

Sec'y)

28) Unless the results of Dr Marsden's experiments are known a definite line of action in the Jail advised, it seems difficult to make any progress with the Scheme.

25) Please wait until the end of Jan next & remind me file.

Draft
25/12

Sd 26/12/14

11

From the I. G. of Prisons in Mysore
No 1622/17-07 dy 16-12-14.

Forwards in general Govt copy of letter no. E.2 dated 8th Dec. 1914 from Dr. F. Marsden, Tinctorial Expert to the Govt of Madras, to the Offg Supdt Bangalore Central Jail.

26) Dr Marsden states he has been unable to try experiments for determining the various dyes required for Khaki dyeing in the Central Jail and that the question will have his immediate attention after his return to Madura.

KW
26-12-14. Subd.

KW

From 15

NOTE—Contn. sheet.

GPB—25,000—2-11-14

2490
2083

. S. 12]

General and Revenue Secretariat. | Prisons File No. 17 of 1914-3

Serial No.

27) Subd with reference to para 25. No further communication has been received from the D.G. of Prisons in this matter.

KRC
4/2/15.

Gs
9/2/15

Sec'y/28)
Please enquire when the D.G. of P. expects to receive Dr Marsden's report & D.G will do.

Draft
1/2

Gs
4/2

29) Draft Do. Subd

KRC
7/2/15.

30) Issue
Gs
7/2/15

To the D. G. of Prisons. D.O. no 2552 dt 2-2-15
Enquires when he expects the report of Mr. Marsden.

From the D. G. of Prisons D.O. no 248/12-07 dt 3-2-15
States that Dr Marsden has not reported on the Khaki dyeing experiments and that a reminder has been sent to him.

31) Subd for information with reference to para 28

Gs
5/2/15

A.44
5/2/15
KRC.

Sec'y

Draft
11/2

Gs 11/2/15

NOTE—Contn. sheet.

GPB—30.0.0—15.9.11

2849
2549

R. S. 12]

General and Revenue Secretariat. | Pros. File No. 17 of 1913-15

Serial No.

From the I.G. of Prisons. no 262/17-07 dy 5th Jan 16

States that Mr Chatterton visited the Jail and after going through the file relating to the industry he has asked Dr Marsden to hurry up his report.

32) Subd for information.

AB 44 11.2.15 MK

1 WD 11/2

EB 11/4/15

12. From the D.S. of Prisons no 448/17-07 dy 2nd March 15

Forwards copy of a letter from Dr Marsden reporting the successful results of the experiments, and states that as it is not possible to produce the Khaki shade by impregnating the cloth in solutions of mineral salts, the yarn has to be dyed, with the result that it will be stiff & harsh rendering the weaving difficult and therefore requests specific orders of Govt. to proceed with the work in view of the fact that the dyeing of yarn will give inferior cloth at increased cost.

33) Subd AB 44. 4/3/15 MK

34) Please call for copy of Mr Pillai's report also referred to in Mr Marsden's letter.

EB 5/3

Ans 5/3

35) Draft put up.

AB 5/3/15 MK

36) Issue

EB 6/3

9/3

NOTE—Contn. sheet.

GPB—30.000—15.9-11

2945

G. R. S. 12]

General and Revenue Secretariat. | Gms File No. 17 of 1913.

Serial No.	
13.	To the D.G. of Prisons no. J 3034 dt 8.3.15 Calls for a copy of Mr Pillai's Report
14	From the same officer no 491/17 of dt 11th March 15: Forwards copy of the report required as also samples of yarn before & after test & sample of cloth woven with yarn. 37) Subt with the samples AS 13/3/15 38) The Samples sent by the Dy show that Commercial Success cannot be achieved at present by weaving the dyed Khaki. Further, for adopting even this process, chemicals are not available in the market. Perhaps the question may be taken up for consideration after the close of the present war. 39) Dr Marsden is of opinion that fastness can be improved by subsequent treatment. The question requires further study and experiment at the hands of experts. ~~by us~~ 40) Subt for orders. EG 23/3
41)	Secy) The proposed construction of a dye house and its equipment in the Central Jail as also the proposal to engage the services of Mr Padmanabhan Pillai

2945

G. R. S. 12]

General and Revenue Secretariat. | Pres File No. 17 of 1913-14

Serial No.

may be defared for the present.

Shraddha
Member

Dewan Bahadur
23/3
23/3/15

42) The reports from Messrs. Marsden & Pillai may be forwarded to the Director of Industries - and Commerce for favour of his opinion and any - suggestions that he may have to offer thereon.

25.3.15.

Dewan
27/3

43) Please put up draft
23/3

44)
Submitted a draft.
27/3/15

43) Done
23.3

15. To the Director of Industries and Commerce no 3307 dt 30th March 1915.

Forwards the reports of Mr Marsden and Mr Pillai and requests to be favoured with his opinion and suggestions if any.

16. From the same officer no 2922 dt 31st March 15

States that the cloth and yarn appear to be of satisfactory quality, that additional processes

NOTE—Contn. sheet.

3186 (13

G. R. S. 12]

General and Revenue Secretariat. | Pris File No. 17 of 1913.

Serial No.

processes be introduced to improve the fast
ness that the difficulty in dyeing should not
a reason for not starting the work and that
preparing the cloth should be taken on hand
and also recommends the appointment of
Mr Padmanabha Pillai as Dyeing Master

46) Submitted for orders.
B 6/4/15
RK

47) Even for preparing khaki plus Samp
Sent by the Dy. of Prisons, Chrome Alum an
plus chemicals needed is reported not to be
available in India at present. Dr Marsden
states that for preparing Chrome Alum, chem
chemicals, a boiling pan, crystallising va
and a centrifugal machine are required. Pe
if the business is undertaken after the present
war, these requirements may be dispensed
with, and the additional expenditure may thereby b

Dy 6/4

Dy)

48) The question may be
taken up next year. We
may not be able to get
Mr Padmanabha Pillai then.
But some other equally
competent man will be avail

NOTE—Contn. sheet.

GPB—25,000—22-3-15

3186

G. R. S. 12]

General and Revenue Secretariat.

Pris File No. 17 of 1913-14

Serial No.

49) The present manual is not favourable for the experiment

by

Chatterton

8/1/14

Outstanding Remarks

Answer

50) Mr. Marsden in his letter dated 16th February 1915, has stated that chrome alum is not available in Bombay. Further enquiries may again be made - with a view to ascertain if it is now available.

51) It is well known that large quantities of - khaki cloth are required by the various departments of Government and it would be a great satisfaction if the Central Jail, one of our own departments, could supply the requirements. And specially when there is a move to start new industries in Mysore, it seems improper to lose time in starting the khaki weaving industry in the Jail.

52) Industries in their initial stages needs must cost some money in experiments, and as Mr. Chatterton is of opinion that the khaki that we shall be able to produce will probably be good enough for the purpose for which it is intended, I do not see why an attempt should not be made.

Contn. sheet.

GPB—25,000—2-11-14

General and Revenue Secretariat. | Bmo File No. 17 of 1913.

Serial No.

53) The Senior Surgeon has also said in his letter No.448 dated 2nd March 1915, that the Superintendent of the Central Jail has been arranging for the construction of a dye house and its equipment. It is not understood what progress has been made in this direction; but if they both should be ready, there is a further reason why the industry should not be delayed, the only deterrent being the non-availability of the required chemicals at reasonable rates, in which case the matter may, as suggested, be deferred.

12.4.15.

3446
3311

G. R. S. 12]

General and Revenue Secretariat. | Pris File No. 17 of 1913-14

Serial No.

17 The following communication has since been rec'd:-
From the D.G of Prisons no 673/17-07 dt 13th April 1915.
States that the Sale price of the cloth sent for inspection could be annas seven per yard if Chrome alum is available at the normal rate annas 3 per lb & that it will be about anna a per yd as the Chrome alum is selling at Re 1 per lb-
Submitted a draft as per order.
13/4/15) Hill.
53) Issue
15/4

18. To the D. G of Prisons in Memo No F 3500 9/16 Inquires whether sufficient quantities of chrome alum is available for starting the industry & calls for report re the progress made in the construction of a dye house & its equipment.

19. From the D. G. of Prisons no 715/17-07 dt 23rd April 1915
States that Chrome alum is not available in any of the Indian firms mentioned by Dr Marsden & that no progress has been made in the construction of a dye house plan and estimate being called for from the Ex Engineer.
56) Submitted with reference to paras 50 and 53.
26-4-15) Hill

17/4

NOTE—Contn. sheet.

GTB—25,000—2-3-15

G. R. S. 12]

General and Revenue Secretariat.

Pers File No. 17 of 1913-14

Serial No.

Secy

57) The construction of the dye-house & its equipment may be proceeded with and the question of actually starting the industry may be urged by the D. C. of Ottawa as soon as chrome alum becomes available for a reasonable price. In the meanwhile all necessary details may be worked out & kept ready. As the question of starting the industry is uncertain there will be no work for Mr Padmanabha Pillai. Should he be appointed now.

Standing Committee

Director of Agriculture 29/

58) Agree.

1. 5. 15.

57 Draft Letter 4/5

Sd 4/5

Draft put up. AB 5/5/15

Issued Sd 5/5/15

20. To the D. C. of Ottawa. No. G. 3862 &

States that the commencing the work raised when chrome alum becomes available a reasonable price. At present the erection equipment of the dye house may be proceed

Calling for a report on the progress of the building for Khaki Weaving in the B. C. jail.

.S. 26]

File No. 17

Serial No, /

*Diary No. of letter replied to*_____

No. 7169

General and Revenue Secretariat

( )

, the *19* .

To

The I. G. of Prisons

in Mysore.

Sir,

Date of issue 17-7-13

Signed by Mr S Rajappala

I am directed to request that Govt. may, ~~by monthly reports~~, be kept informed of the progress in the work of construction of the building for Khaki weaving & the erection of the plant etc in the Banga Central jail.

I have etc

Sd

Dy Secy '13

For Secy to

over.

K.V. (123) SW

SUBJECT 3

14.7.13 14/7/13

Geology

No. 1071 — Encs: 2. OFFICE OF THE INSPR.-GEN. OF PRISONS IN MYSORE,
1-9

Dated Bangalore, 23rd August 1913.

FROM

P.S.Achyuta Rao Esqr.,

Inspector-General of Prisons in Mysore,

Bangalore.

To

K.R.Srinivasiengar Esqr., M.A.,

Secretary to the Government of H. H.

the Maharaja of Mysore, Gen. and Rev. Depts.

SIR,

With reference to your letter No. J.169/Prisons. dated the 17th July 1913, requesting that Government may be kept informed of the progress in the work of construction of the building for Khaki weaving and the erection of the plant in the Bangalore Central Jail I have the honor to forward herewith, for favor of perusal of Government, a copy of letter No.1181 dated 12th August 1913 together with its enclosure from the Executive Engineer, Bangalore Division, received from the Superintendent of the said Jail, reporting, in detail, the stage of progress in the construction of the building above refrred to.

I have the honor to be,

Sir,

Your most obedient servant,

Inspector-General of Prisons.

T.C.G.

From

The Inspr.-Gen. of Prisons
in Mysore, Bangalore.

The Secy. to the Govt. of Mysore,
Gen. and Rev. Depts.

Dated 23rd August 13.

Despatched

Received

General No. 1071

No. 17-9.

Enclosure No. 2.

Subject.

Reports, in detail, ~~the~~ stage of progress in ~~the~~ construction of the building for Khaki weaving and ~~the~~ erection of ~~the~~ plant in the B. C. Jail.

Encl & Pro.

No. 1181 MYSORE P. W. DEPARTMENT. 17-12-2

Executive Engineer's Office,

12th August 1913.

From

The Executive Engineer,

Bangalore Division.

To

The Superintendent,

Central Jail,

Bangalore.

Sir,

Re. the progress of work in the constuction of the building for Khaki weaving etc., in the bangalore Central Jail.

-------0-------

Adverting to your No. M-673 dated 22nd July 1913, forwarding for information copy of letter No. J.169/Prisons dated 17th July 1913, from Government regarding the above, and requesting to intimate the stage the work in question has reached etc.,I have the honor to forward herewith for information, copy of No. 946 dated 7th August 1913, received from the Range Officer, reporting in detail the stage of progress of the above building.

I have the honor to be,

Sir,

Your most obedient servant,

(Sd.) S. H. Lakshminarasappa,

For Executive Engineer,
Bangalore Division.

"C O P Y"

Superintendent,
Central Jail,
Bangalore.

T.S.R.

Copy of letter No. 946 dated 7th August 1913, from the Range Officer, to the Executive Engineer, Bangalore Division, Bangalore.

--------O--------

Sir,

With reference to your No.856 dated 26th July 1913, I have the honor to report that the major part of the building is complete. The front portion and one of the wings of the work shops have been roofed over and trusses have been hoisted in position over the other wing and as there is no pucka flooring to be put on, the erection of the plant may be commenced now, but as the contract of the building is in very inefficient hands and also as female labour is not allowed into the premises, the progress of the building is rather slow. It is hoped that the building will be ready to hand over by about the middle of October next.

I have the honor to be,
Sir,
Your most obedient servant,

Sd/- S. H. Lakshminarasappa,

Asst. Engr. Head Qrs., Range .

" C O P Y "

Superintendent,

Central Jail,

Bangalore.

T.S.R.

R. S. 26]

Pris File No. 1713

Serial No. 3

2319

Diary No. of letter replied to 713

No. J 1102

General and Revenue Secretariat

( )

, the 191 .

To

The I. G. of Prisons

in Mysore.

Date of issue 26.9.13

Signed by Nrs P Rajagopala Char

His letter no. 1071/17-07 & 23rd Aug 1913 regarding the stage of progress in the construction of the building for Khaki Weaving.

With reference to the above, has the honour to request to be informed whether the tools and plant required have been received & if not when they are.

over.

SUBJECT.

expected.

By order,

For Secy. to Govt.

(N. (110)
22-9-13

List of enclosures.

Copied by

Examined by

GPB—25,000—8-8-11.

No. 1395
17-0

OFFICE OF THE INSPR.-GEN. OF PRISONS IN MYSORE,

Dated Bangalore, 27 October 1913.
29

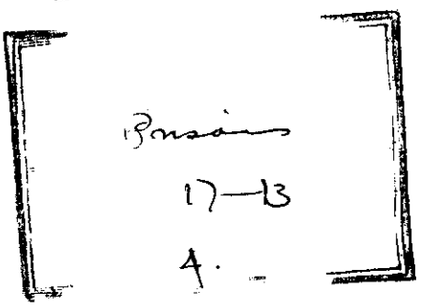
DIARY No. 8135-2

FROM

P.S.Achyuta Rao Esqr.,

Inspector-General of Prisons in Mysore,

Bangalore.



To

K.R.Srinivasiengar Esqr., M.A.,

Secretary to the Government of H. H.

the Maharaja of Mysore, Gen. and Rev. Depts.

SIR,

With reference to your docket No.J.1102/Pris.17-13-3 dated the 26th September 1913, requesting to be informed whether the tools and plant required for khaki weaving in the Bangalore Central Jail have been received and if not when they are expected, I have the honor to intimate that the question of indenting for the necessary looms &c and of the establishment of a dye house for the purpose, is under correspondence between me and Messrs. Alfred Chatterton C.I.E., Director of Industries and Commerce in Mysore and F.Marsden Ph.D., M.Sc., Tinctorial Expert to the Government of Madras.

I have the honor to be,

Sir,

Your most obedient servant,

P. S. Achyuta Rao

Inspector-General of Prisons.

T.C.G.

III
29/10

Prisons
3410 (4 Nos)

From

The Inspr.-Gen. of Prisons
in Mysore, Bangalore.

To

The Secy. to the Govt. of Mysore,
Gen. and Rev. Depts.

Dated 27th October/13.

Despatched 29.

Received

General No. 1395
No. 17—07

Enclosure No.

Subject.

Intimates that the question of indenting for the necessary looms &c. is under correspondence between the D.G., & Messrs Alfred Chatterton & Jr. Marsden.

J 2140

10/3 20 14
Pris
17-13

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 637 / 17-7

DATED BANGALORE, 16th May 1914.

FROM

Rao Bahadur T.V.Arumugum Moodr., Esqr., M.B., C.M.,

Inspector-General of Prisons in Mysore,

Bangalore.

To D.M.Narasinga Rao Esqr., B.A., B.L.,

Offg. Secy. to the Govt. of H. H. the Maharaja of Mysore,

General and Revenue Departments.

SIR,

Pris 17-13-

In continuation of this office letter No.1395/17-07 dated the 27/29th October 1913, I have the honor to intimate that my predecessor, at the instance of Mr. A.Chatterton, C.I.E Director of Industries and Commerce, issued orders to one Mr. Venkataswamy Naidu, Contractor, through the Textile Assistant, Department of Industries, for the preparation of 5 fly-shuttle looms for experimental purpose.

2. The looms were accordingly prepared and supplied to the Bangalore Central Jail. The cost thereof viz, Rs.520/- was paid to the contractor and the same included under the head "Plants and tools for Khaki weaving industry" in the Detailed Contingent bill of the Manufacture Department of the said Jail for January 1914.

3. The Superintendent, Bangalore Central Jail was also requested to get the other 25 looms to make up the full number, viz, 30 sanctioned for the khaki weaving industry in the Bangalore Central Jail, prepared in the Carpentry Department of the Jail. Eleven looms have now been made and the remaining 14 looms are expected to be ready before the close of the current

IH/185 Prisons 19

GPB—480—11-9-13

From

The Inspector-General
of Prisons in Mysore,
Bangalore.

To

The Secretary to the Govt. of Mysore,
General and Revenue Departments.

Dated 16th May/14.

Despatched

Received

General No. 637
No. 17—07.
Enclosure No.

Subject.

Requests to obtain sanction of Govt. to incur the expenditure of Rs. 3000/:/ for the purchase of 80 looms & to debit the same to the lumpsum provision of Rs: 170.62 made for Khaki weaving industry under "16 Bb Law and Justice - Jails - (2) Jail Manufactures" in the current years Budget.

current official year.

4. The cost of the 30 looms in all will amount to Rs.3000/- as sanctioned by Government, in their Order No. J.3221-3/Pris. 10-11-4 dated 5th May 1912.

5. I have the honor to request therefore that you will be so good as to obtain sanction of Government to incur the said expenditure of Rs.3000/- and to debit the same to the lumpsum provision of Rs.17,062/- made for Khaki weaving industry under "16 Bb Law and Justice - Jails - (2) Jail Manufactures" in the current year's Budget and communicate the same to me at your early convenience.

I have the honor to be,

Sir,

Your most obedient servant,

Inspector-General of Prisons.

TCG.

Purchase of looms for Khakhi-weaving in the B.C. Jail.

16

Prisons
File No. 17-13
Serial No. 6

G.R.S. 28]

Diary No. of letter replied to

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT.
( )

READ—

the 191 .

Letter no 637-17-07 dated the 16th May 1914 from the I.G. of Prisons in Mysore requesting sanction to the purchase of

Date of issue 13-6-14

Signed by H.S.P. Rajapala Chari

ORDER THEREON.—No.

30 looms at a cost of Rs 3000 for weaving Khakhi in the Bangalore Central Jail, the expenditure being debitable to the lumpsum provision of Rs 17062

over.

SUBJECT.

made for Khakhi weaving industry
in the current year's budget.

order thereon - No. J 3679-80

The sanction already conveyed
in G. P. No. J 3221-3-Pris 10-11-4 dated 7/6/11
the 4th May 1912 for the purchase
of 30 looms at a cost of Rs 3,000
is renewed, the expenditure
being met from the source
indicated by the D. G. of Prisons.

JM
For Secretary.

To

The D. G. of Prisons in Imphal
The Comptroller to Govt.

RJ
7/16-8-14.

2915

URGENT

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 738 / 17-07.

DATED BANGALORE, 13th June 1914.

FROM

Rao Bahadur T.V.Arumugum Moodr., Esqr., M.B., C.M.,
Inspector-General of Prisons in Mysore,
Bangalore.

J 40

13/3-19 14
Prisons
17-13
7

To

D.M.Narasinga Rao Esqr., B.A., B.L.,
Offg. Secy. to the Govt. of H. H. the Maharaja of Mysore,
General and Revenue Departments.

SIR,

In continuation of my letter No.637/17-07 dated the 16th May 1914, I have the honor to intimate that as suggested by Mr. A.Chatterton C.I.E., Director of Industries and commerce in Mysore, Dr. Marsden the Tinctorial Expert to the Government of Madras, was consulted by my predecessor in regard to the opening of a Dye factory in connection with the khaki weaving Industry in the Bangalore Central Jail and that getleman came from Madura once inspected the building and gave his suggestions in regard to the arrangement of dye vats and the location of dyeing shed apart from the khaki weaving shed &c.

2. Dr. Marsden is of opinion that some experiments are to be tried to determine the various Dyes required for the purpose and chemicals &c at a cost of about Rs.100/- are to be purchased for the same.

3. Mr. Chatterton C.I.E., who was also consulted in the matter, says that this is absolutely necessary.

4. Under the above circumstances, I have the honor to request you will be so good as to obtain sanction of Government to incur an expenditure of Rs.100/- to purchase chemicals &c

13/6 Persons 24/6/14

GPB—180—14-9-13

From

The Inspector-General
of Prisons in Mysore,
Bangalore.

To

The Secretary to the Govt. of Mysore,
General and Revenue Departments.

Dated 13th June/14.

Despatched

Received

General No. 738.
No. 17-07.

Enclosure No.

Subject.

Requests to kindly obtain sanction of Govt to incur an expenditure of Rs: 100/- to purchase Chemicals &c by Dr Marsden, Tinctorial Expert to the Govt of Madras.

by Dr. Marsden for experimental purposes and communicate the same to me at your early convenience.

5. The cost will be met from the lumpsum provision of Rs. 17,062 made for khaki weaving industry under "16 Bb Law and Justice - Jails - (2) Jail Manufactures" in the current year's Budget.

6. Early orders are solicited.

I have the honor to be,

Sir,

Your most obedient servant,

Inspector-General of Prisons

G.R.S. 28]

Expenditure Rs 100 for purchase of chemicals by the Tinctorial Expert to the Madras Govt for trying experiments Prisons
to determine the dyes required for Khakhi weaving in the B C Jail.

File No. 17-13

Serial No. 8

Diary No. of letter replied to 4037

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT.

( )

, *the* 191 .

READ—

Letter no. 738-17-27 dated the 13th June 1914 from the D.I.G Prisons in Mysore, requesting sanction to the purchase by

Date of issue 23.6.14

Signed by S.P Rajagopalacharlu

~~ORDER THEREON. No.~~

Dr. Marsden, Tinctorial Expert to the Govt of Madras, of chemicals at a cost of Rs 100 for trying experiments to determine the various dyes required for Khakhi

over.

SUBJECT.

weaving in the Central Jail, Ba
and stating that the charge will
be met from the lumpsum provision
of Rs 17062- made for Khakhi
weaving industry in the current
year's budget.

Order thereon -No. J 3766-7

Sanctioned.

17/6

For Secretary.

To

The I.G. of Prisons in Mysore.
The Comptroller to Govt.

B.G.
15.6.14.

20/6

. R. S. 26]

File No. 17-14
Serial No. 9

Diary No. of letter replied to,

No. 91293

General and Revenue Secretariat
( )
, *the* *191* .

To
The D.G. of Mines

Date of issue 10/11/14

Signed by Mr. T. Srinivasa

Sir

I am directed to request you to be so good as to report, for the information of Govt., the progress made in creating the loans &c for starting the Kurnkhi weaving industry, and when the industry is expected to be started. The favour of an early reply is requested.

I have &c

Dock 2/11/14

For Secy

SUBJECT.

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 1426/17-07. DATED BANGALORE, 12th November 1914.

FROM

Rao Bahadur T.V.Arumugum Moodr., Esqr., M.B., C.M.,

Inspector-General of Prisons in Mysore,

Bangalore.

DIARY No. J1543

13 -11-

SECTION I

FILE No. 17 & 13-14

SERIAL No. 10

To

D.M.Narasinga Rao Esqr., B.A., B.L.,

Offg. Secy. to the Govt. of H. H. the Maharaja of Mysore,

General and Revenue Departments.

SIR,

In reply to your No.J.1293 dated the 10th instant, requesting me to report the progress made in erecting the looms &c., for starting the khaki weaving industry and when the industry is expected to be started, I have the honor to state as under:-

(1) From the file of correspondence in connection with the khaki weaving industry proposed to be started in the Bangalore Central Jail, it is evident that the chief object in opening this industry is to meet the requirements of all Government Departments of the State (including the Jail) that use khaki uniforms.

(2) Dr. Marsden of Madura, the Tinctorial Expert to the Government of Madras, was consulted. Dr. Marsden wanted to see the samples of khaki from which uniforms are made here and samples were accordingly obtained from the Police, Excise and Military Departments and sent to him. At the same time he was asked to let us know whether khaki of the exact shade and texture of the samples sent could be produced in the Jail.

(3) In reply he stated that khaki for army purposes is a

speciality

11/ Rw. 12/11

PB—490—11-9

From

The Inspector-General
of Prisons in Mysore,
Bangalore.

To

The Secretary to the Govt. of Mysore.
General and Revenue Departments.

Dated 12th November/14

Despatched

Received

General No. 1426
No. 17-07

Enclosure No.

Subject.

Reports the progress made in erecting the looms & starting the khaki weaving industry in the Bangalore Central Jail.

speciality, the various shades being produced not by the dye stuffs used in dyeing cotton &c for general purposes, but by impregnating the cloth with solutions of mineral salts in the requisite quantity and then depositing the mixed oxides of the metals in the cloth by suitable treatment and that it requires special machinery and a dye-house and the plant will prepare anything from 5000 to 10,000 yards of cloth per day according to the speed at which it is run.

(4) He further stated that it is not advisable for us to put down such a plant, as our requirements are estimated at some 60,000 yards per annum only and that it remains to be seen whether any means could be devised whereby the proper material could be obtained without this class of machinery, but by the utilization of the convict labour available in the Jail.

(5) To do this he wanted chemicals to the value of Rs.100/- Sanction of Government was obtained (Vide Government Order No. J.3766-7/Pris.17-13-8 dated 23rd January 1914) to incur this expenditure and the money remitted to him in July 1914.

(6) Dr. Marsden, in his last communication, says that he is now on special duty at Madras and that he will attend to the experiments and furnish the results thereof as soon as he returns to Madura.

nder these circumstances, no work either in connection with the yeing or weaving has yet been commenced though all the 30

looms

looms sanctioned by Government are ready for work and no establishmen maintained for the purpose.

I have the honor to be,

Sir,

Your most obedient servant,

J. V. Cunningham

Inspector-General of Prisons.

TCG.

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 1622 / 17-07 E. I. DATED BANGALORE, 16th December 1914.

FROM

Rao Bahadur T.V.Arumugum Moodr., Esqr., M.B., C.M.,

Inspector-General of Prisons in Mysore,

Bangalore.

DIARY No. 12082

19 -12
SECTION Prisons
FILE No. 17 0/2 4
SERIAL No. "

To

D.M.Narasinga Rao Esqr., B.A., B.L.,

Offg. Secy. to the Govt. of H. H. the Maharaja of Mysore,

General and Revenue Departments.

SIR,

In continuation of my letter No.1426/17-07 dated the 12th November 1914 re khaki weaving industry in the Bangalore Central Jail, I have the honor to forward herewith, for favor of perusal of Government, a copy of letter No.E.2 dated 8th December 1914, from Dr. F.Marsden, Tinctorial Expert to the Government of Madras, to the Offg. Superintendent, Central Jail, Bangalore, intimating that, for reasons stated, it has not been possible for him to try experiments for determining the various dyes required for khaki weaving in the Central Jail and that the question will have his immediate attention after his return to Madura.

I have the honor to be,

Sir,

Your most obedient servant,

Inspector-General of Prisons.

GPB—150—11-9

From

The Inspector-General
of Prisons in Mysore,
Bangalore.

To

The Secretary to the Govt. of Mysore.
General and Revenue Departments.

Dated 16th December/14.

Despatched

Received

General No. 1622
No. 17—07.

Enclosure No. 1

Subject.

Forwards copy of letter E.2 dated 8/12/14 from Dr. F. Marsden, Director Expert to the Govt of Madras re Khaki weaving industry in the Bangalore Central Jail

No. E, 2.

Office of the Director of Industries,

Madras, 8th December 1914.

(39

Encl to [illegible]
17 [illegible]

From,

Dr. F. Marsden,

Dyeing expert to the Government of Madras,

M A D R A S.

To,

T.S. Nanjappa Esquire, M.B.,C.M.

Offg. Superintendent, Central Jail,

B A N G A L O R E.

Sir,

In reply to your No. 833/F.7 dated 4th December 1914, I regret exceedingly that I have been unable to continue the work on Khaki Dyeing for you and to inform you that I cannot give any idea as to when it will be resumed, as the period during which I will be engaged on special duty here is quite indeterminate.I do not expect however that it will be for more than another month or two.

As a matter of fact, the delay in finishing the experiments is not making much difference in the time at which the jail could take up the dyeing, as the stocks of materials required are exhausted in Bombay and the mills dyeing khaki have been reduced to preparing for themselves the chrome salts required.

The question will have my immediate attention when I retu to Madura and I will then submit the report as soon as possible.

I have the honor to be,

Sir,

Your most obedient servant,

(sd) F. Marsden.

Dyeing expert to the Government of Madra

"C O P Y"

Inspector General of Prisons.

G. R. S. 26]

File No.

Serial No.

Diary No. of letter replied to

Do No. J 2552

General and Revenue Secretariat

( )

, the *191* .

To

Date of issue 2. 2. 1915.

Dear Sir

Signed by Jno. Sreenivasa Iyer

Please refer to your letter No 1622/17-07 of 16th Dec 1914 forwarding for perusal of Govt. a copy of letter No E. 2 dated 8th Dec. 1914 from Dr. F. Marsden Pinctorial Expert to the Govt. Madras Pte. Offg Supt. Bangalore Central Jail about experiments in dyes for khaki wearing.

I am desired to inquire when you expect to receive Doctor Marsden's report in the matter

over.

SUBJECT.

Yours faithfully

18/2/15

To

The I. G. of Prisons

in Mysore

For

URGENT

DIARY No. J.2490

S . 10 -10

SECTION OF PRISONS

FILE

D.O. 248 17.07

OFFICE OF THE INSPECTOR GENERAL IN MYSORE.

Bangalore, 3rd May 1905

Dear Sir,

In reply to your D.O. letter No. J.2552 of date, I have to inform you that Dr. F.Marsden has not yet reported on the Khaki-dyeing experiments and that a reminder has been sent to him in the matter.

Yours sincerely,

Inspr-Genl of Prisons.

.Srinivasa Iyer,Esqr, B.A.,M.L.,

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 262 / 17-07

DATED BANGALORE, 5th February 1915.

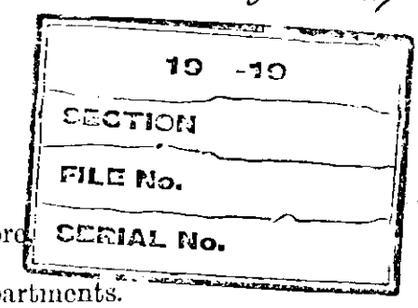
FROM

Rao Bahadur T.V.Arumugum Moodr, Esqr, M.B.,C.V.,

Inspector-General of Prisons in Mysore,

Bangalore.

Dis... J 2549



To

D.V.Narasinga Rao, Esqr, B.A.B.L.,

Secy. to the Govt. of H. H. the Maharaja of Mysore,

General and Revenue Departments.

SIR,

In continuation of my letter No. 1622/17-07 of the 16th December last, and my D.O. communication No. 248/17-07 of the 3rd instant to Mr. G.S.Srinivasa Iyer, Assistant Secretary to Government, I have the honor to intimate that the Director of Industries and Commerce in Mysore visited the Bangalore Central Jail on the 30th January 1915 and after going through the file of that office relating to the Khaki Weaving Industry, wrote to Mr. Marsden to kindly hurry up and intimate the result of Khaki-dyeing experiments.

I have the honor to be,

Sir,

Your most obedient servant,

T V Arumugum

Inspector-General of Prisons.

MM

GPB—180—11-9-13

From

The Inspector-General
of Prisons in Mysore,
Bangalore.

To

The Secretary to the Govt. of Mysore,
General and Revenue Departments.

Dated 5th February 1915

Despatched ——do——

Received

General No. 262
No. 17-07.
Enclosure No.

Subject.

Reports that the Direct
of Industries & Comm
in Mysore has bro
to Dr. Marsden to
hurry up and intima
the result of Khaki-

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 248/Gen/17-07 DATED BANGALORE, 22nd March 1915.

FROM

Rao Bahadur T.V.Arumugum Moodr,Esqr,M.B.,C.M.,
Inspector-General of Prisons in Mysore,
Bangalore.

D. J284

To D.M.Narasinga Rao,Esqr, B.A.,B.L.,
Secy. to the Govt. of H. H. the Maharaja of Mysore,
General and Revenue Departments.

19-19
SECTION Boiler
FILE No. 17-13
SERIAL No. 12

SIR,

In continuation of my letter No. 262/17-07 of the 5th February 1915, I have the honor to forward herewith a copy of Dr. F. Marsden's letter No. 49 dated the 16th February 1915 to the Superintendent, Central Jail, Bangalore, reporting on the result of Khaki dyeing experiments conducted under his instructions.

2. The trials have thus far proved a success. Khaki can be dyed on yarn with the chemicals specified.

3. In one of his earlier letters, Dr. Marsden has stated that the various shades of Khaki used by Army have been produced, not by dyed yarn, but by impregnating the cloth in solutions of mineral salts. Expensive and special machinery is needed for this purpose but the cost is kept at a low level as the plant can prepare anything between 5000 to 10,000 yards of cloth per day. As our requirements are not more than 150 to 200 yards per day, the question of going in for such a plant had to be given up and the possibility of dyeing the yarn itself and then weaving it had to be considered. The drawback apprehended by Dr. Marsden is, in his

own

III/K/43

GPB—480—11-9-04—

From

The Inspector-General
of Prisons in Mysore.
Bangalore.

To

The Secretary to the Govt. of Mysore.
General and Revenue Departments.

Dated 2nd March 1915

Despatched 3rd March 15

Received

General No. 448
No. 17-07

Enclosure No. 1

Subject.

Forwards a Copy of a le
from DE F. Marsden re
Khaki dyeing experim
with report thereon-

own words, that the yarn, after treatment, will be stiff and harsh and will not weave well; also the expense would be greater than that incurred by the usual method of production upon the woven cloth.

4. The yarn has however been dyed with success, but at the same time, we are warned (vide para.6 of the enclosure) that our production will be no match to the stuff in the market in points of fastness of color and finish. The fastness can be improved, but as it would be more expensive, we are advised to leave the matter for the present.

5. Again, the chemicals needed for the treatment of the yarn are not all available in the market at present. Chrome Alum has to be manufactured from Bichromate of Potash (or soda). The process involves additional expense as boiling pan, Vats and a centrifugal machine are required.

6. There are thus three elements tending to increase the cost of production (para 3,4 and 5) and the result is, after all inferior material of bad finish. I therefore doubt very much whether our production will really sell even supposing the Government could induce the Khaki consuming Departments, such as the Excise and the Police, to buy the Jail made Khaki in preference to the nicely finished product available in the market, doubtless at a less cost.

7. The Superintendent, Bangalore Central Jail, is arranging for the construction of a dye house and its equipment. The services of Mr. Padmanabham Pillai, mentioned in Dr. Marsden's letter, may have to be engaged for some time to train the Jail weaving Maistry and convicts, in the art of Khaki dyeing. I would, in the light of facts brought to your notice, like to have specific orders of Government to proceed with the work.

I have the honor to be,

Sir,

Your most obedient servant,

Inspector General of Prisons.

Letter No. 49 of 1914 dated the 16th February 1915, from Dr. F. Marsden , Government Dyeing Expert, Madura, to the Superintendent, Central Jail, Bangalore.

I have the honor to inform you that the trials upon the dyeing of Khaki on yarn are now completed. I was able to employ the services of Mr. K.Padmanabha Pillai, who as you know, applied for the appointment of Dyeing Master in the Jail, and although I was tied to Madras on special duty I had every confidence in his ability to carry out the trials upon the lines of the instructions I gave him.

2. I am forwarding per post parcel the Dyed yarn for your inspection. You will notice there are three lots Nos. I,II & III representing three separate trials.

3. No. I. This trial, made in 10 lots, was to decide whether the individual lots could be impregnated successively in one and the same bath (and fixed in a standing bath) to give regular shades The impregnation was controlled by weighing each lot before and after impregnation and squeezing to a constant liquor content.

4. The result was satisfactory, so No. II trial was set on to see whether weighing could be dispensed with and whether an experienced wringer might be expected to " level " the impregnatio so that the final shades should be regular. I am satisfied that this can be done. The materials used in these two trials were some what expensive but were used on account of their suitabilit for getting level shades. They are not used however in the commercial dyeing of Khaki and No. III is a trial made with the materials which are universally employed.

5. The result,as you will see, is sufficiently satisfactory to justify the opinion that with reasonable care the regular production of Khaki upon yarn is possible, and with the arrangements in your dye house (with the addition perhaps of wringing pegs fixed over two of the vats) you will be able to produce Khaki yarn equal, if not superior, to the sample No. III.

6. You must kindly bear in mind however what I have before remarked upon the question of " fastness " of mill dyed Khaki, and I do not expect that the cloth you will be able to produce with this yarn will be equal to it either in fastness or finish. The fastness could be improved by a subsequent treatment, but as this will mean more expense and the yarn as it is may meet all your requirements we will leave this aside for the present.

7. With regard to the possiblity of obtaining the necessary chemicals, I indicated in my letter of December 8th of 1914 that there would be difficulty in obtaining supplies. You would require Chrome Alum, Iron sulphate and Caustic soda. The two latter are available at reasonal rates, but having written to Bombay I am informed that there is no stock of Chrome Alum at all. It would be necessary to manufacture the Chrome Alum from Bichromate of Potash (or soda) by reducing with sugar or starch and Sulphuric acid and to do this would require a boiling pan (preferably tin lined) Crystallising vats, which may be of wood and if possible a small centrifugal machine.

8. I enclose Mr. Pillai's report to me upon the actual operations of the trial.

" C O P Y "

for Inspector general of Prisons.

[G. R. S. 26]

File No. 17-14

Serial No. 13

Diary No. of letter replied to———

No. J 3034

General and Revenue Secretariat

( )

, *the* 191 .

To

The D. S. of Prisons

Sir

Date of issue 8/3/1915.

Signed by M. G. Srinivasa Ayy

With reference to your letter No 448/17-07-8, 2nd March instant forwarding Dr Marsden's letter reporting upon the results of Khaki dyeing experiments I am directed to request that a copy of Mr Pillai's report referred to in para 8 of Dr Marsden's letter may kindly be forwarded to this office.

Thanks,

8/3/15 over.

for Offg Secy

8 C B 5/3/15

SUBJECT.

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 491/17-07 Encl with the samples. DATED BANGALORE, 11th March 1915.

FROM

Rao Bahadur T.V.Arumugum Mudaliar, Esquire, M.B., C.M.,

Inspector-General of Prisons in Mysore,

Bangalore.

DIARY No. J. 2
1914-1915
SECTION Pris
FILE No. 17-13
ITEM No. 14

To D.M.Narasinga Rao, Esquire, B.A., B.L.,

Secy. to the Govt. of H. H. the Maharaja of Mysore,

General and Revenue Departments.

SIR,

As desired in your letter No.J. 3034/Pris. 17-14-13 of the 8th instant, I have the honor to forward herewith a copy of Mr. Pillai's report referred to in para 8 of Dr. Marsden's letter of the 16th ultimo.

2. Since writing my report No. 448/17-07 of the 2nd instant, the yarn dyed by Mr. Pillai was tested in the Bangalore Central Jail. I forward herewith 2 hanks of yarn duly labelled showing the shades before and after testing.

3. I also forward herewith a piece of sample cloth woven in the Bangalore Central Jail with the yarn dyed and brought by Mr. Pillai himself.

4. The sample is very coarse in point of finish and the color is not fast. Personally I think there is no use of asking the purchasers if the cloth is satisfactory.

I have the honor to be,

Sir,

Your most obedient servant,

Inspector General of Prisons.

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 491/17-07 Rec'd with the samples. DATED BANGALORE, 11th March 1915.

FROM

Rao Bahadur T.V.Arumugum Mudaliar,Esquire,M.B.,C.M.,

Inspector-General of Prisons in Mysore,

Bangalore.

DIARY NO. J. 2945

1914-1915
SECTION Pris
FILE NO. 17-13
ITEM NO. 14

To D.M.Narasinga Rao, Esquire, B.A.,B.L.,

Secy. to the Govt. of H. H. the Maharaja of Mysore,

General and Revenue Departments.

SIR,

As desired in your letter No.J. 3034/Pris. 17-14-13 of the 8th instant, I have the honor to forward herewith a copy of Mr. Pillai's report referred to in para 8 of Dr. Marsden's letter of the 16th ultimo.

2. Since writing my report No. 448/17-07 of the 2nd instant, the yarn dyed by Mr. Pillai was tested in the Bangalore Central Jail. I forward herewith 2 hanks of yarn duly labelled showing the shades before and after testing.

3. I also forward herewith a piece of sample cloth woven in the Bangalore Central Jail with the yarn dyed and brought by Mr. Pillai himself.

4. The sample is very coarse in point of finish and the color is not fast. Personally I think there is no use of asking the purchasers if the cloth is satisfactory.

I have the honor to be,

Sir,

Your most obedient servant ,

Inspector General of Prisons.

11/Fr./13

GPB—180—11-5

From

The Inspector-General
of Prisons in Mysore,
Bangalore.

To

The Secretary to the Govt. of Mysore,
General and Revenue Departments.

Dated 11th March 1915

Despatched —— do ——

Received DIARY No. J 2945

General No. 491

No. 17-07

Enclosure No. 1 with the sample

Subject.

19 -13
SECTION
FILE No.
SERIAL No.

Forwards a copy of the report from Mr. P. Pillai of Madura upon Khaki dyeing trials together with samples of dyed yarn and Khaki cloth woven with the same.

Report dated the 17th February 1915 from N.K.Padmanaban Pillai, Dyeing Master, Madura to Dr. F.Marsden, Tinctorial Expert to the Government of Madras.

As desired by you, I have the honor to submit the following short report upon the khaki dyeing trials done in the Laboratory according to your instructions.

From the three lots I have tried, you will please note that the first experiment was to find out whether it is possible to get a uniform shade in a standing bath (while keeping up the strength of the liquor) by impregnating one hank after the other and weighing the same before and after impregnation. I then tried a 2nd lo to know whether we could get the same uniformity by despensing wit the weighing. From the second sample you will find that with a little more care this is also possible. The third attempt was to get a marketable brownish and cheaper khaki shade and you will see from the sample that by varying the relative amounts of iron and chrome the color may be varied as desired.

I beg to place before you the following figures and processes by which I have dyed these three samples.

1. The well boiled out yarn (Half an hank at a time) is impregnated in a solution of Pyrolignite of iron and chloride of chrome.....22° T.W. and squeezed once, before the fina wringing and after impregnating the yarn thoroughly it was squeeze out to leave 75% of the liquor on the yarn (i.e. the weight of th yarn before impregnating was 117 grs and after impregnating it was 205 grs.) Then equalised the same on the stretcher or wringing -- pillar and dried carefully in the sun. After drying, the yarn is fixed one after the other in a 2% solution of caustic soda above 95°C, testing the percentage of Caustic to keep up the uniform -- strength. Finally rinsed in running water and dried.

2. The boiled out yarn is impregnated in a stronger liquor prepared as follows:-

1. Part Pyrolignite of iron 10° T.W. and

6. Parts Chloride of Chrome 31° T.W.

worked as before and wrung without weighing before or after dry-

ing

drying and fixed as No. 1.

3. As the above chemicals are too expensive, and to get a good brownish shade, I worked the yarn in a cold bath consisting of

3 Parts chrome Alum 44° T.W. and

1 Part Ferrous Sulphate 20° T.W.

After impregnating and wringing out approximately, so as to keep 75% of the liquor in the yarn, it was fixed after drying in a 2% solution of Caustic soda as before, above 95° C and finally rinsed well and dried.

" C O P Y "

Inspector General of Prisons.

MW

Office of the Collector
in Singapore
whose reference to our
Office No: 491/17-04

&c

The Secretary
Mah
Govt &

G. R. S. 26]

File No. 17-13
Serial No. 15

2913

*ry No. of letter replied to*____

No. J 3307 Gen. 2
and a piece of cloth
and 2 pieces of Egn

eral and Revenue Secretariat

( )

, *the* *191* .

To

The Director of Industries
and Commerce in Mysore

Date of issue 30-3-1915.

Sir

Signed by Mr. G. Srinivasa Rao

I am directed to state that
with a view to utilizing convict
labour to the best possible advantage
Govt decided to introduce the
Khaki weaving industry in
the Central Jail, Bangalore. The
necessary buildings and looms
have been erected & the
work cannot be started on
account of the difficulty noticed in

over.

SUBJECT.

Dyeing Khakiredcoats

I am to forward herewith a* report of Dr. Marsden and Mr. Adinanabha Pillai regarding the results of experiments in Khaki dyeing [as also samples* of yarn dyed by the latter and a piece* of cloth woven therefrom in the Jail] and to request you to be so good as to favour Govt. with your opinion and suggestions, if any, in the matter.

I have &c.

27.3

For offg Secy

27-3-13

[* to be returned with the reply]

Subject to approval

List of enclosures

Copied by

Examined by

GPB—25,000—4-3-13

Encl. two 2 Samples of yarn to be sent Separately.

OFFICE OF THE
DIRECTOR OF INDUSTRIES AND COMMERCE
"RINGWOOD," HIGH GROUND,

Bangalore, 31st March 1915.

DIARY No. J 31

14 - 15
Prisons
17-13
SERIAL No. 16

FROM

ALFRED CHATTERTON, Esq., F. C. G. I., C. I. E.,
Director of Industries and Commerce in Mysore,
Bangalore, (India).

To

The Secretary to the Government of His Highness the
Maharaja of Mysore, General and Revenue Departments,
Bangalore.

SIR,

In reply to your No.J.3307/Pris.17-13-15 dated the 30th of March 1915, I have the honour to state that I have already advise the Superintendent of the Central Jail, Bangalore to apply for sanction for the appointment of Mr. Padmanabha Pillai as Dyer of the Central Jail. The sample of Yarn and cloth sent to me appea to be of a satisfactory quality; but of ccurse I can express no opinion upon the fastness of the khaki dye.

Mr. Marsden himself in para six of his note states that he does not think the cloth produced with this yarn will be equal to the mill-dyed khaki. I am of opinion, however, that it will probably be good enough for the purpose for which it is intended. At any rate, I advise that the experiments should be made and if necessary additional processes as indicated by Dr. Marsden introduced to improve the fastness.

It was many years before the mills in Madras were able to produce the high quality of khaki they now turn out and it is fairly certain that any one else starting on the same lines will experience a certain amount of difficulty; but that is no reason why the attempt should not be made.

I have inspected the Jail premises in company with the Superintendent and I strongly advise that since large quantities of khaki cloths are required by the various Government Departments,

the work of preparing this cloth in the Jail should be taken up at once. It will, however, be necessary to appoint a Dyeing master and as Dr. Marsden has recommended Mr. K. Padmanabha Pillai, I do not think we could do better than employ him.

I have the honour to be,

S i r,

Your most obedient servant,

Syed Chatterton

Director of Industries & Commerce.

No. 673/1707

OFFICE OF THE INSPR.-GEN. OF PRISONS IN MYSORE,

Dated Bangalore, 13th April 1915.

FROM

Rao Bahadur T.V.Arumugum Mudaliar, Esquire, M.B., C.M.,

Inspector-General of Prisons in Mysore,

Bangalore.

DATE J 3311
1914 15
SECTION Prisons
FILE No. 17-13
SERIAL No. 17

To

D.V.Narasinga Rao, Esquire, B.A., B.L.,

Secretary to the Government of H. H.

the Maharaja of Mysore, Gen. and Rev. Depts.

SIR,

In continuation of my letter No. 491/17-07 of the 11th March 1915, submitting for inspection a sample piece of Khaki cloth made in the Bangalore Central Jail, I have the honor to intimate that the sale price of the cloth would be annas seven per yard if chrome alum could be got for three as per lb which is its normal price.

But owing to the war affecting supplies, chrome alum is now selling at one rupee per lb and at this rate, the sale price of the cloth would be about nine annas per yard.

I have the honor to be,

Sir,

Your most obedient servant,

T V Arumugum

Inspector General of Prisons.

mvs

From

The Inspr.-Gen. of Prisons
in Mysore, Bangalore.

To

The Secy. to the Govt. of Mysore,
Gen. and Rev. Depts.

Dated 13th April 1915

Despatched —— do ——

Received

General No. 673
No. 17-07

Enclosure No.

Subject.

Intimates the sale price of Khaki Cloth Manufactured in the B. C. [illegible]

R. S. 26]

1574

Pw File No. 17-13
Serial No. 18

*Diary No. of letter replied to*____

No. J 3500.

General and Revenue Secretariat
( )
, *the* 191 .

To

The D.G. of Persons

Sir.

Date of issue 16/4/1915.

Signed by Mr. G. Srinivasa Iyer.

With reference to correspondence ending with your letter no 673/17-078 13th April 1915 regarding the introduction of the Khaki weaving industry in the Central Jail, Bangalore, I am directed to request you to enquire if Chrome alum is available in sufficient quantities for starting the industry. Information may also be furnished regarding the progress made in the construction of a dye house in the jail & its equipment.

I have &c

13/4/15

SS 15/4

over.

SUBJECT.

Pris. 2]

OFFICE OF THE INSPR.-GENL. OF PRISONS IN MYSORE,

No. 715 / 1707

DATED BANGALORE, 28th April 1915.

FROM

Rao Bahadur T.V.Arumugum Mudaliar, Esquire, M.B., C.M.,

Inspector-General of Prisons in Mysore,

Bangalore.

DIARY No. J. 344

1914-15

SECTION Prisons

FILE No. 17-413

ITEM 19

To

D.M.Narasinga Rao, Esquire, B.A., B.L.,

Secy. to the Govt. of H. H. the Maharaja of Mysore,

General and Revenue Departments.

SIR,

In reply to your letter No.J. 3500/Pris 17-13-18 of the 16th instant, I have the honor to report that Chrome Alum is stated to be not available at present in any of the Indian Firms to whom the Superintendent, Central Jail, Bangalore, was referred by Dr. Marsden to apply.

2. No progress has been made towards the construction of the Dye-house and its equipment. The Superintendent reports - that he has requested the Executive Engineer, Bangalore Division, to select, in the Jail, a site for the Dye-house and furnish him with the necessary plan and estimate.

I have the honor to be,

Sir,

Your most obedient servant,

T.V. Arumugum

Inspector General of Prisons.

GPB—180—11-9-13

From

The Inspector-General
of Prisons in Mysore.
Bangalore.

To

The Secretary to the Govt. of Mysore,
General and Revenue Departments.

Dated 23rd April 1915

Despatched —— do ——

Received

General No. 715
No. 17-04

Enclosure No.

Subject.

Reports that Chrome Alum required to start Khaki weaving Industry in B. C. gail is not available at present and no progress has been made to Con-struct the Dye-houses

Mean pt Mondeabout
Mr Chatterton Deputation
Fr
W

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to post up.
Mean
12. W

Khaki Weaving industry

G. R. S. 26]

Pro File No. 17-1

Serial No. 20

Diary No. of letter replied to

No. J 3862.

General and Revenue Secretariat

( )

, the *191* .

To

The D.G. of Prisons

Sir

With reference to correspondence ending with your letter no 715/17-07 dt 23rd April 1915 regarding the starting of the Khaki weaving industry in the Bangalore Central jail I am directed to state that the question of actually commencing the work may be raised as soon as chrome alum becomes available at a reasonable price. In the meantime while the construction and equipment

over.

Date of issue 7/5/1915.

Signed by for G. Srinivasa Iyer

SUBJECT.

of the dye house may be proceeded
with and all necessary details
worked out and kept ready.

2. In the above circumstances
there does not seem to be any
necessity to entertain the Padma-
naba Pillai at present.

Diane &c

Yes 5/5/15

DBC AB 5/5/15

List of enclosures

Copied by

Examined by

GPB—25,000—8-8-11.